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Ballistic Missile Submarine Surface-Transit Security Study

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BALLISTIC MISSILE SUBMARINE SURFACE-TRANSIT

SECURITY STUDY

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Executive Summary abstract (unrestricted)

This research produced tools that can model, simulate, visualize, analyze, and evaluate security measures for ballistic-missile submarine surface transit.

The project extends prior work that specifically established baseline capabilities supporting the visualization and security needs for a weapons handling operational area, using a standards-based extensible architecture and conceptual design that can be tailored for a wide variety of naval support activity locations. NPS researchers have produced a tool suite and model library capable of supporting a capability and gap analysis for independent system of systems

(SoS) that identify dependencies and potential limitations in the topic areas of interest.

This work also designed and considered conducting a crowd-sourcing inquiry

Among relevant personnel working with SSP commands in the Navy, Marine Corps,

Department of Homeland Security (DHS) and civil authorities using the Massive

Multiplayer Online Wargame Leveraging the Internet (MMOWGLI) tool. With effective access controls in place, such crowdsourcing techniques have been shown to be effective in identifying problems and exploring potential solutions that are beyond the scope or visibility of any single department or agency.